

**CDOE**  
**MASTER OF BUSINESS ADMINISTRATION (INFORMATION TECHNOLOGY) (2013 COURSE)**

**M.B.A. (I.T.) Sem-IV : WINTER :- 2021**  
**SUBJECT: PROGRAMMING WITH JAVA**

**Day : Monday**  
**Date 14-02-2022**

**W-10036-2021**

Time : 02:00 PM-05:00 PM  
Max. Marks: 70

**N.B.**

- 1) Attempt any **FOUR** questions from Section – I and any **TWO** questions from Section – II.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer book.

**SECTION – I**

- Q.1** Differentiate between Procedure Oriented Programming and Object Oriented Programming. (10)
- Q.2** Explain different data types of Java with suitable example. (10)
- Q.3** Define constructor. Explain default and parameterized constructors. (10)
- Q.4** What is functionality of packages in Java? Explain math package in Java. (10)
- Q.5** List different AWT components in Java. Explain any two AWT components with suitable example. (10)
- Q.6** Write short notes on any **TWO** of the following: (10)
- a) Flow control statements in Java
  - b) Finalization
  - c) Abstract class
  - d) JDK environment

**SECTION – II**

- Q.7** What is exception? Explain how exceptions are handled in Java using suitable example. (15)
- Q.8** Write an object oriented program to create a class **Student** having data members: rollno, sname, saddress and member functions accept() and display() to read and display rollno, name and address of a student. (15)
- Q.9** What is thread? Explain how Interprocess communication takes place in multithreading environment with suitable example. (15)

\* \* \*